MICRONIC
INNOVATION IN SAMPLE STORAGE

OVERVIEW

High fill rate

Medical approved virgin Polypropylene according to the highest standards

Low protein binding surface (reference: Test Report TR022601), non hygroscopic material

Mechanical strength (reference: Test Report TR021801)

RNase / DNase and Endotoxin (pyrogen) free

Inner V-bottom for maximum sample recovery and the lowest dead volume

Inner U-bottom for maximizing the working volume of tubes

The Screw Cap tube (internal thread) features a single turn thread for easy opening and closing of the tube

The Push Cap tube (internal thread) has a special design that eliminates caps to pop off during thawing (-80ºC) or pushed in during piercing

The Screw Cap tube (external thread) has a triple start thread for optimal sealing quality

Black or white code surface (bottom and/or side) cannot be separated from the transparent tube due to the patented 2K injection molding technique

Permanent laser-etched code on the tube bottom which is chemically, scratch and mechanically resistant (reference: Test Report TR022501)

OPTIONAL FEATURES / SERVICES

CUSTOM 1D RACK BARCODE
Micronic offers the service to supply unique laser-etched 1D barcodes in customized formats on any side of the rack. The standard barcoded racks of Micronic are provided with a unique laser-etched barcode on the A1-H1 side of the rack.

DECONTAMINATION USING GAMMA IRRADIATION
Upon request, Micronic products can be supplied gamma irradiated. Irradiation itself cannot guarantee that the product is free from any detectable RNases, DNases or pyrogens. Class 7 clean room production is therefore an essential requirement.

DECONTAMINATION USING ETO TREATMENT
Upon request, Micronic products can be supplied ethylene oxide treated. Using a novel ethylene oxide treatment process - Micronic's consumable products are independently certified to be absolutely DNA-free and therefore provide the perfect medium for long-term, high integrity storage of forensic samples. Micronic is offering the DNA-free products in a special Tyvek packaging.

STARTER PACKS WITH SCREW CAPS	BASIC	STANDARD	ADVANCED	PREMIUM
2D Data-Matrix coded Screw Cap tubes V-bottom (0.75ml / 1.40ml)	10 Racks	10 Racks	X	40 Racks
2D Data-Matrix coded Screw Cap tubes precapped with Grey Screw Cap (IG) with high cover (1.00ml / 3.00ml / 3.50ml / 4.00ml)	X	X	40 Racks	X
Screw Caps (IG) for tubes in 96-well format - Grey	960 Caps	960 Caps	4x960 Caps	4x960 Caps
Micronic Tube Reader DT520	1 Unit	X	X	X
Micronic Rack Reader DR505	X	1 Unit	1 Unit	1 Unit
Micronic Side Barcode Reader for DR500 line	X	X	1 Unit	X
Micronic Screw Cap Recapper CS500	X	X	X	1 Unit
Manual decapping tool	1 Piece	1 Piece	X	4 Pieces

STARTER PACKS WITH PUSH CAPS	BASIC	STANDARD	PREMIUM	PREMIUM+
2D Data-Matrix coded Screw Cap tubes V-bottom (0.75ml / 1.40ml)	10 Racks	10 Racks	40 Racks	40 Racks
Pierceable TPE Capcluster Grey for capping 96 individual tubes	10 Clusters	10 Clusters	4x10 Clusters	4x10 Clusters
Micronic Tube Reader DT520	1 Unit	X	X	X
Micronic Rack Reader DR505	X	1 Unit	1 Unit	X
Micronic Rack Reader DR700	X	X	X	1 Unit
Micronic Side Barcode Reader for DR700 line	X	X	X	1 Unit
Micronic Push Cap Capper CP400	X	X	1 Unit	X
Micronic Push Cap Capper CP600	X	X	X	1 Unit
Manual decapping tool	1 Piece	1 Piece	10 Pieces	10 Pieces

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MICRONIC
INNOVATION IN SAMPLE STORAGE

SERVING SCIENTISTS SINCE 1984

CERTIFIED CLASS 7 CLEAN ROOM MANUFACTURING

PRODUCTION IN THE NETHERLANDS AND THE UNITED STATES

SAMPLE STORAGE STARTER PACKS
Get started using 2D coded tubes

Class 7 clean room | RNASE/DNASE Free | Ultra-low temperature | 100% quality control

SAMPLE STORAGE STARTER PACKS

Micronic Starter Packs contain everything needed to start using 2D coded sample storage tubes, enabling laboratory workers to maintain a secure sample logistics system and eliminate the costly possibility of false sample identities. Since the amount of stored samples differs by the extent of automation and laboratory applications, Micronic offers the Starter Packs in a range of configurations and sizes: Basic, Standard, Advanced, Premium and Premium+.

SUPERIOR FEATURES

- Save up to 20% compared to buying the products individually
- Enables labs to start storing and sealing up to 4,000 samples
- Available with 0.75ml, 1.40ml (96-format), 1.00ml, 4.00ml (48-format), 3.00ml or 3.50ml (24-format) tubes
- Ideal and convenient to different lab sizes and needs
- Certified Class 7 clean room production
- DNase/RNase and Pyrogene free

COMBINE QUALITY AND LOWER PRICE

The range of Sample Storage Starter Packs enables labs to start securely sealing and storing up to 4,000 samples. Precisely manufactured in a certified Class 7 clean room production environment, a choice of 0.75ml, 1.40ml (96-format), 1.00ml, 4.00ml (48-format), 3.00ml or 3.50ml (24-format) RNase / Dnase-free sample storage tubes provides the versatility to suit almost any sample storage requirement.

The Micronic Starter packs are ideal for biobanks, biorepositories or research labs that would like to start using 2D coded tubes for their sample storage. All the Micronic Starter Packs contain 2D coded tubes with a choice of Screw Caps (IG) or Push Caps, code readers, and manual or electrical (de)cappers.

Since Micronic is a world leader in traceable sample preservation and storage, the quality of supplied goods is second to none and the design of all components is optimized to provide top performance. **The Starter Packs will save you up to 20% compared to buying the products individually!**

SAVE up to 20%!

DID YOU KNOW...

Barcode quality is integral to the success of an automated system. In a process where quality barcodes accurately store and communicate data - from code to reader to central system - minimal manual intervention is required. Thanks to quality barcodes, the unique benefits of an automated system are realized: lower costs, higher productivity and fewer errors. The laser etched 1D rack barcode which is standard available on Micronic racks, falls within the highest quality classifications. The classification is determined by the least high result for each parameter (e.g. decodability, defects, minimum edge contrast, minimum reflection and modulation) which means that the barcode is always as good as its lowest scoring parameter. When a barcode falls within the highest classifications, it has a consistent level of quality for readability in an automated process.

BASIC

Starter Packs with Screw Caps and Tube Reader DT520

MP50221C / MP50260C* / MP50270C**
0.75ml 2D Data-Matrix coded Screw Cap tubes V-bottom Starterpack BASIC

MP50222C / MP50261C* / MP50271C**
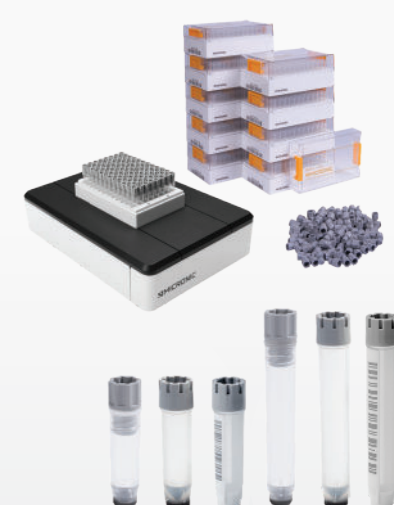1.40ml 2D Data-Matrix coded Screw Cap tubes V-bottom Starterpack BASIC

BASIC

Starter Packs with Push Caps and Tube Reader DT520

MP50223C
0.75ml 2D Data-Matrix coded Push Cap tubes V-bottom Starterpack BASIC

MP50224C
1.40ml 2D Data-Matrix coded Push Cap tubes V-bottom Starterpack BASIC

STANDARD

Starter Packs with Screw Caps and Micronic Rack Reader DR505

MP50225C / MP50262C* / MP50272C**
0.75ml 2D Data-Matrix coded Screw Cap tubes with Internal Thread V-bottom Starterpack STANDARD

MP50226C / MP50263C* / MP50273C**
1.40ml 2D Data-Matrix coded Screw Cap tubes with Internal Thread V-bottom Starterpack STANDARD
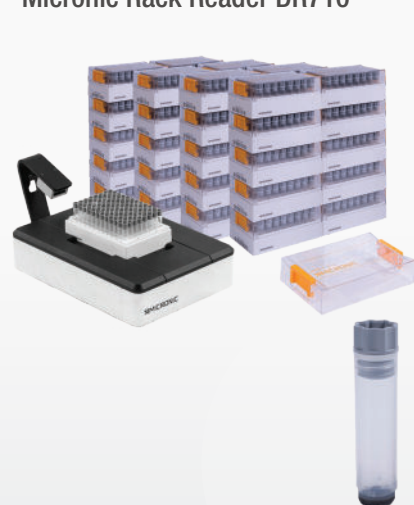

STANDARD

Starter Packs with Push Caps and Micronic Rack Reader DR505

MP50227C
0.75ml 2D Data-Matrix coded Push Cap tubes V-bottom Starterpack STANDARD

MP50228C
1.40ml 2D Data-Matrix coded Push Cap tubes V-bottom Starterpack STANDARD

ADVANCED

Starter Pack with 4.00ml Tubes and Micronic Rack Reader DR505 or Micronic Rack Reader DR710

MP50229C / MP50237C
4.00ml 2D Data-Matrix coded Screw Cap tubes Flat bottom Starterpack ADVANCED

ADVANCED

Starter Packs with Tissue Tubes and Micronic Rack Reader DR505

MP50266C* / MP50230C* / MP50267C*
1.00ml, 3.00ml or 3.50ml 2D Data-Matrix coded Screw Cap tubes Flat bottom Starterpack ADVANCED
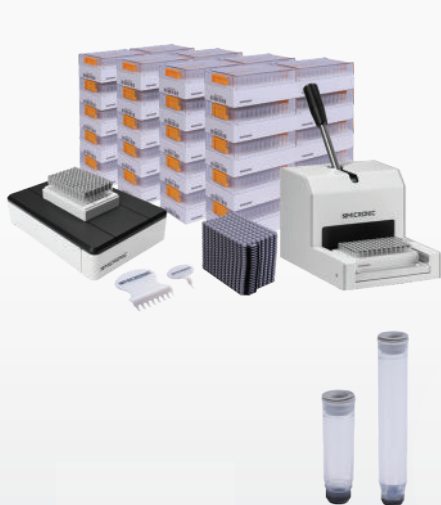

PREMIUM

Starter Packs with Screw Caps and Micronic Rack Reader DR505

MP50231C / MP50264C* /MP50274C**
0.75ml 2D Data-Matrix coded Screw Cap tubes V-bottom Starterpack PREMIUM

MP50232C / MP50265C* / MP50275C**
1.40ml 2D Data-Matrix coded Screw Cap tubes V-bottom Starterpack PREMIUM

PREMIUM

Starter Packs with Push Caps and Micronic Rack Reader DR505

MP50233C
0.75ml 2D Data-Matrix coded Push Cap tubes V-bottom Starterpack PREMIUM

MP50234C
1.40ml 2D Data-Matrix coded Push Cap tubes V-bottom Starterpack PREMIUM

PREMIUM +

Starter Packs with Push Caps and Micronic Rack Reader DR700

MP50235C
0.75ml 2D Data-Matrix coded Push Cap tubes V-bottom Starterpack PREMIUM+

MP50236C
1.40ml 2D Data-Matrix coded Push Cap tubes V-bottom Starterpack PREMIUM+

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*This article number refers to a Starter Pack which includes Tubes with External Thread.
**This article number refers to a Starter Pack which includes Tubes with External Thread Hybrid.